Measure – Capacity

Level 1

Use language such as 'holds more' or 'holds less' to compare quantities.

Estimate and compare different capacities using direct comparison and put them in order. (Put 3 objects in order).

Find containers that would hold more/less than 1 litre.

Level 2

Estimate if a given container would hold more/less than 1 litre.

Estimate, measure and compare objects, choosing and using suitable uniform non-standard units. E.g. Use cupfuls to measure the capacity of a container.

Estimate, measure and compare objects, choosing and using suitable standard units and measuring instruments.
e.g. Measure a litre of water using a measuring jug / Find out if a container will hold a litre of water/ Find out how many litres a container can hold / Find out how many litres of water are in a container.

Level 3

Know the meaning of 'milli'.

Know the relationships between litres and millimetres.

Read and record capacity in millimetres.

Use decimal notation to **record** measurements in litres (e.g. 0.6 l)

Choose and use standard metric units and their abbreviations when estimating, measuring and recording capacity.

Level 4

Record measurements in litres and millilitres.

Read, choose, use and record standard metric units to estimate and measure capacity to a suitable degree of accuracy.

Convert larger to smaller units using decimals to one place (e.g. change 2.6 litres to 2600ml) *Please note: children need to be secure with x1000 (level 5 skill) before attempting this objective.*

Convert smaller to larger units using decimals to one place (e.g. change 2600ml to 2.6 litres) *Please note: children need to be secure with ÷1000 (level 5 skill) before attempting this objective.*

Select and use standard metric units of measure and convert between units using decimals to two places (e.g. change 2.75l to 2750ml, or vice versa) *Please note: children need to be secure with x and ÷ 1000 (level 5 skill) before attempting this objective.*

Level 5

Convert between related metric units using decimals to three places (e.g. convert 1375ml to 1.375 l, or vice versa)

Solve problems by measuring, estimating and calculating.

Know the approximate metric values for imperial units still in everyday use. E.g. Know that 1 pint is just over half a litre and that 1 litre is about $1\frac{3}{4}$ pints.

Measure and calculate using imperial units: pints.